



#6

SEQUENCE LISTING

<110> Osbourn, Jane
Holet, Thor

<120> Improvements to ribosome display

<130> 84633

<140> US 09/817,661

<141> 2001-03-26

<150> US 60/193,802

<151> 2000-03-31

<160> 35

<170> PatentIn Ver. 2.1

<210> 1

<211> 324

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Ribosome
display construct

<400> 1

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gccagccat ctgcagtagc cggccgcaca tcatcatcac catcacgggg ccgcagaaca 120
aaaactcatc tcagaagagg atctgaatgg ccgcggcagc gggccggct ctgggagcgg 180
atccggctct gggagcggct ctgggtccgg atcgggctcc ggatcaggct cgggctccgg 240
atctggatcg ggctccggat ccgggtccgg ctccggatgg ggctcgggttc gggatcatac 300
ccgtatgacg tgccggatta cgca 324
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<210> 2

<211> 76

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 2

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gccagccgg ccatgg 76
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00017561.072701

<210> 3
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 3
 taccctgatg acgtgccgga ttacgca 27

<210> 4
 <211> 32
 <212> DNA
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<220>
 <223> Description of Artificial Sequence: Primer

<400> 4
 taatacgact cactataggg agagcattc tg 32

<210> 5
 <211> 15
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 5
 tgcgtaatcc ggcac 15

<210> 6
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 6
 ctcttctgag atgagttttt g 21

<210> 7
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

09817661.072701

<400> 7
gcacatcatc atcaccatca cggggcc

27

<210> 8
<211> 135
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 8
tgcgtaatcc ggcacgtcat acgggtaact atttttccct ttgcggacat cactcttttt 60
tccggttcga gatcgaaact ttgcaagcct gatcgacata gggacatctt ccatgaactc 120
atcaacgact tcttc 135

<210> 9
<211> 144
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 9
gaactcatca acgacttctt ctgtaagttc catggggcct ccgtctctca cgtttgtaat 60
cttctctctc aaaccattca gatcctcttc tgagatgagt ttttgttctg cggccccgtg 120
atggtgatga tgatgtcggg ccgc 144

<210> 10
<211> 147
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 10
gaactcatca acgacttctt ctgtaagttc catggggcct ccgtctctca cgtttgtaat 60
cttctctctc aaaccctaattcagatcctc ttctgagatg agtttttggt ctgcggcccc 120
gtgatggtga tgatgatgtc gggcgc 147

<210> 11
<211> 63
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: 5' end of
construct

0921661.072701

<400> 11
 ggggaccccc ccggaagggg gggacgaggt gcgggcacct cgtacgggag ttcgaccgtg 60
 acg 63

<210> 12
 <211> 156
 <212> DNA
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<220>
 <223> Description of Artificial Sequence: 3' end of
 construct

<400> 12
 cacgggctag cgettttcg cgtctcccagg tgacgcctcg tgaagaggcg cgaccttcgt 60
 gcgttttcggt gacgcacgag aaccgccacg ctgcttcgca gcgtggctcc ttcgcgcagc 120
 ccgctgcgcg aggtgacccc ccgaaggggg gttccc 156

<210> 13
 <211> 86
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:
 Oligonucleotide

<400> 13
 ggggaccccc ccggaagggg gggacgaggt gcgggcacct cgtacgggag ttcgaccgtg 60
 acgaattcta atacgactca ctatag 86

<210> 14
 <211> 106
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:
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<400> 14
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 cgcctcgtga agaggcgaga ccttcgtgag tttcgggtgac gcacga 106

<210> 15
 <211> 106
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:
 Oligonucleotide

00017661.072701

<400> 15
 tcgtgcgtca ccgaaacgca cgaaggctgc gcctcttcac gaggcgtcac ctgggagagc 60
 gcgaaagcgc tagcccgtgt gcgtaatccg gcacgtcata cgggta 106

<210> 16
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 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 16
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 ccgctgcgcg aggtgacccc ccgaaggggg gttccc 96

<210> 17
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 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:
 Oligonucleotide

<400> 17
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 aagcagcgtg gcggttctcg tgcgtcaccg aaacgc 96

<210> 18
 <211> 14
 <212> PRT
 <213> Homo sapiens

<400> 18
 Asn Met Val Arg Gly Val Gly Arg Tyr Tyr Tyr Met Asp Val
 1 5 10

<210> 19
 <211> 11
 <212> PRT
 <213> Homo sapiens

<400> 19
 Cys Ser Arg Asp Ser Ser Gly Tyr His Leu Val
 1 5 10

09017651.072701

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<400> 23
Asn Ser Trp Xaa Xaa Xaa Xaa Xaa His Val Val
  1               5               10
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<400> 27
His Ala Ala Arg Arg
  1                      5
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<210> 28
<211> 5
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Mutagenized
sequence

<400> 28

Arg Val Arg Leu Leu
1 5

<210> 29 .

<211> 5
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Mutagenized
sequence

<400> 29

Phe Leu Ser Ser Ile
1 5

<210> 30

<211> 5
<212> PRT
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Mutagenized
sequence

<400> 30

Asp Ser Ser Gly Asn
1 5

<210> 31

<211> 5
<212> PRT
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Mutagenized
sequence

<400> 31

Ser Ala Thr His Glu
1 5

00017661-0001

<210> 32
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Mutagenized
sequence

<400> 32
Ala Pro His Gly Ser
1 5

<210> 33
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Mutagenized
sequence

<400> 33
Thr Val Asn His Asp
1 5

<210> 34
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Mutagenized
sequence

<400> 34
His Trp Gln Thr Asp
1 5

<210> 35
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Mutagenized
sequence

<400> 35
Asn Thr Ser Val Thr
1 5

00317661.02201